

Amendments to the Specification:

Please replace the paragraph beginning at page 3, line 7, with the following amended paragraph:

--In one aspect, the invention features a system for monitoring operational characteristics of a vehicle. The system includes a computer in the vehicle, and a wireless appliance in electrical contact with the computer. The wireless appliance includes a data transmission/receiving component, also known as a wireless communication component, configured to transmit data associated with the operational characteristics over a network to a host computer system, and to receive over the network data from the host computer system.--

Please replace the paragraph beginning at page 3, line 13, with the following amended paragraph:

--In another aspect, the invention features a device for monitoring operational characteristics of a vehicle. The devices includes a wireless appliance including a data transmission/receiving component configured to communicate data associated with the operational characteristics over a network to a host computer.--

Please replace the paragraph beginning at page 3, line 17, with the following amended paragraph:

--In another aspect, the invention features a device for monitoring operational characteristics of a vehicle. The devices includes a wireless appliance including a data transmission/receiving component configured to receive data associated with the operational characteristics over a network to a host computer.--

Please replace the paragraph beginning at page 3, line 21, with the following amended paragraph:

--In a further aspect, the invention features a system for monitoring operational characteristics of a vehicle. The system includes a host computer and a wireless appliance including a data transmission/receiving component configured to communicate data associated with the operational characteristics over a network to a host computer. In some embodiments, the wireless appliance is in the vehicle. In certain embodiments, the host computer is external to the vehicle.--

Please replace the paragraph beginning at page 4, line 4, with the following amended paragraph:

--In one aspect, the invention features a system for monitoring operational characteristics of a vehicle. The system includes a host computer and a wireless appliance including a data transmission/receiving component configured to receive data associated with the operational characteristics over a network to a host computer. In some embodiments, the wireless appliance is in the vehicle. In certain embodiments, the host computer is external to the vehicle.--

Please replace the paragraph beginning at page 11, line 1, with the following amended paragraph:

--The wireless appliance 13 disposed within the vehicle 12 collects diagnostic data from the vehicle's engine computer 15. The engine computer 15 retrieves data stored in its memory and sends it along a cable 16 to the wireless appliance 13. The appliance 13 typically connects to the OBD-II connector located under the dash in all vehicles manufactured after 1996. It includes a data-collection component (not shown in the figure) that formats the data in a packet and then passes the packet to a data-transmission/receiving component, also known as a wireless communication component, which sends it through a cable 17 to an antenna 14. To generate the data, the wireless appliance 13 queries the vehicle's computer 15 at a first time interval (e.g. every 20 seconds), and transmits a data set at a longer time interval (e.g. every 10 minutes). These time intervals are specified in a data-collection 'schema', described in more detail below.-